2 1 JAN 2005 DT02 Rec'd PCT/PT0

Approved for use through 3/31/2007. OMB 0651-0021 rademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction	Act of 1995, no persons are required to respond to a collect	tion of information unless it displays a valid OMB control number							
TRANSMITTAL LET	ATTORNEY'S DOCKET NUMBER 051003-0313724								
	ECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)							
CONCERNING A F	10/522029								
INTERNATIONAL APPLICATION NO.		PRIORITY DATE CLAIMED							
PCT/JP02/007631	26 July 2002 (26.07.2002)	26 July 2002 (26.07.2002)							
TITLE OF INVENTION MANGANESE COMPOUND, PROCESS FOR PRODUCING THE SAME, AND METHOD OF UTILIZATION OF THE SAME									
APPLICANT(S) FOR DO/EO/US HAYASHI, NOBUYOSHI, et al.									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. X This is a <b>FIRST</b> submission of	items concerning a filing under 35 U.S.C. 371.								
2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.									
3. X This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indirected below.									
items (5), (6), (9) and (21) indicated below.  4. X The US has been elected (Article 31).									
· = `	plication as filed (35 U.S.C. 371(c)(2))								
_									
c. 🔲 is not required, as th									
6. X An English language translation									
a. X is attached hereto.									
. =									
l . —   —   —	The sear promoted entact to elect to (A)(1):								
	The state of the s								
b.  have been communic									
c. 🔲 have not been made	c. have not been made; however, the time limit for making such amendments has NOT expired.								
d.  have not been made	d. have not been made and will not be made.								
8. An English language translation	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).								
9. X An oath or declaration of the in	$\overline{X}$ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10. An English language translation Article 36 (35 U.S.C. 371(c)(5)	. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern do	cument(s) or information included:								
11. X An Information Disclosure St	X An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12. X An assignment document for	$\overline{X}$ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13. X A preliminary amendment.	X A preliminary amendment.								
14. X An Application Data Sheet ur	X An Application Data Sheet under 37 CFR 1.76.								
15. A substitute specification.	A substitute specification.								
16. A power of attorney and/or c	A power of attorney and/or change of address letter.								
17. A computer-readable form of	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and CFR 1.14. This collection is estimated to take 15 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

20.

Other items or information:

Page 1 of 2

## DT15 Rec'd PCT/PTO 2 1 JAN 2005

FORM PTC-1390 (REV. 12-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

U.S. APPLICATION NO. SHANDON SEE 37 CFD. 50		INTERNATIONAL APPLICATION NO. PCT/JP02/007631			ATTORNEY'S DOCKET NUMBER 051003-0313724				
21. The follow	ing fees are submitte	ed:				Applicant use	Office use only		
X a) Basic n	ational fee				\$300.00	\$ 300.00			
X   b) Examination fee						\$ 200.00			
X c) Search fee\$500.00						\$ 500.00			
TOTAL OF ABOVE CALCULATIONS = \$1,000.00					\$ 1,000.00				
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra sheets		Number of each additional 50 or fraction thereof (round <b>up</b> to a whole number)		RATE				
8 -100 =	-92 /50 =				× \$250.00	\$ 0.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).						\$ 0.00			
CLAIMS	NUMBER F		NUMBER EXTRA		RATE	\$ 0.00	<b>L</b>		
Total claims	5 -	20 =	0	×	\$50.00	\$ 0.00	T -		
Independent cla	ims 2 -	3 =	0	x	\$200.00	\$ 0.00			
MULTIPLE DEP	MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00				\$360.00	\$ 0.00			
			OTAL OF ABOVE CAL		<del></del>	\$ 1,000.00			
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.						\$ 0.00			
SUBTOTAL =					\$ 1,000.00				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$ 0.00				
TOTAL NATIONAL FEE =					\$ 1,000.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					\$ 40.00	<del></del>			
TOTAL FEES ENCLOSED =						\$ 1,040.00			
Amount to be refunded:							\$		
Amount to be charged:							\$ 1,040.00		
a. A check in the amount of \$ to cover the above fees is enclosed.									
b. $\boxed{X}$ Please charge my Deposit Account No. $\underline{033975}$ in the amount of \$ $\underline{1,040.00}$ to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. $\boxed{\chi}$ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. $\boxed{033975}$ . A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card</b> information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending spans.									
SENDALL CORRESPONDENCE TO:									
Glenn T. Ba					SIGNATU	JRE			
	Y WINTHROP I	LLP	\$		Glenn '	T. Barrett			
P.O. Box 10					NAME		-		
McLean, V	4 22102				38705		-		
SIGNATURE D	DATE: January 21	, 2005				RATION NUMBER			